CLAIMS

1. A probe set comprising multiple probes that can be used for identification of an allele contained in a specimen, characterized in that each of the multiple probes comprises a partial sequence containing a base represented by a capital letter in a sequence of each allele to be identified, in the description.

2. A probe set comprising multiple probes that can be used for identification of an HLA-A allele contained in a specimen, characterized in that each of the multiple probes comprises a partial sequence containing a base represented by a capital letter in a sequence of each allele in an allele list in the description.

3. The probe set according to claim 1, comprising probes listed in Tables 1-1 to 1-7, or probes listed in Tables 2-1 to 2-6 in the description.

4. A method for identification of an HLA-A allele contained in a sample from a specimen using a probe set, characterized in that the probe set is the probe set according to claim 2 or 3.

5. A probe set comprising multiple probes that can be used for identification of an HLA-B allele contained in a specimen, characterized in that each of the multiple probes comprises a partial sequence containing a base represented by a capital letter in

a sequence of each allele in an allele list in the description.

6. The probe set according to claim 5, comprising probes listed in Tables 5-1 to 5-9, or probes listed in Tables 6-1 to 6-8 in the description.

7. A method for identification of an HLA-B allele contained in a sample from a specimen using a probe set, characterized in that the probe set is the probe set according to claim 5 or 6.

8. A probe set comprising multiple probes that can be used for identification of an HLA-C allele contained in a specimen, characterized in that each of the multiple probes comprises a partial sequence containing a base represented by a capital letter in a sequence of each allele in an allele list in the description.

9. The probe set according to claim 8, comprising probes listed in Tables 9-1 to 9-4, or probes listed in Tables 10-1 to 10-4 in the description.

10. A method for identification of an HLA-C allele contained in a sample from a specimen using a probe set, characterized in that the probe set is the probe set according to claim 8 or 9.

11. A probe set comprising multiple probes that can be used for identification of an HLA-DP allele contained in a specimen, characterized in that each

of the multiple probes comprises a partial sequence containing a base represented by a capital letter in a sequence of each allele in an allele list in the description.

12. The probe set according to claim 11, comprising probes listed in Tables 13-1 to 13-3, or probes listed in Tables 14-1 to 14-3 in the description.

13. A method for identification of an HLA-DP allele contained in a sample from a specimen using a probe set, characterized in that the probe set is the probe set according to claim 11 or 12.

14. A probe set comprising multiple probes that can be used for identification of an HLA-DQ allele contained in a specimen, characterized in that each of the multiple probes comprises a partial sequence containing a base represented by a capital letter in a sequence of each allele in an allele list in the description.

15. The probe set according to claim 14, comprising probes listed in Tables 17A, 17B-1 and 17B-2, or probes listed in Tables 18A, 18B-1 and 18B-2 in the description.

16. A method for identification of an HLA-DQ allele contained in a sample from a specimen using a probe set, characterized in that the probe set is the probe set according to claim 14 or 15.

17. A probe set comprising multiple probes that can be used for identification of an HLA-DR allele contained in a specimen, characterized in that each of the multiple probes comprises a partial sequence containing a base represented by a capital letter in a sequence of each allele in an allele list in the description.

18. The probe set according to claim 17, comprising probes listed in Tables 21-1 to 21-8, or probes listed in Tables 22-1 to 22-7 in the description.

19. A method for identification of an HLA-DR allele contained in a sample from a specimen using a probe set, characterized in that the probe set is the probe set according to claim 17 or 18.

20. A probe set comprising multiple probes that can be used for identification of an HLA-MICA allele contained in a specimen, characterized in that each of the multiple probes comprises a partial sequence containing a base represented by a capital letter in a sequence of each allele in an allele list in the description.

21. The probe set according to claim 20, comprising probes listed in Tables 27-1 and 27-2, or probes listed in Tables 28-1 and 28-2 in the description.

22. A method for identification of an HLA-MICA

allele contained in a sample from a specimen using a probe set, characterized in that the probe set is the probe set according to claim 20 or 21.